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ABSTRACT

According to information developed by the U.S. Department of Education from material provided by the six Curriculum Coordination Centers (CCCs), the CCCs continued to facilitate their states in the identification, location, adaptation, dissemination, and effective use of vocational education curriculum and instructional materials in 1988. Each center provided curriculum-related services to clients based on the needs identified through their regional State Liaison Representatives. Each center reported cost savings realized by regional states through the adoption or adaptation of CCC-identified curriculum materials and other network services. The CCCs continued to provide technical assistance and consultative services to clients throughout the nation during 1988. The CCC network also conducted or facilitated a number of inservice training workshops for vocational personnel. Conducting curriculum searches for vocational and technical education clients continued to be a major function of the network. Another important function was the systematic dissemination of curriculum and instructional materials from their lending libraries. The CCC network continued to develop and maintain linkages with professional organizations and resources that help to enhance the effectiveness of vocational education services nationwide. The annual meeting held in Beaverton, Oregon, was a highlight of CCC networking during the year. In summary, the CCC network continued to make a positive impact on the vocational education community during 1988. Three attachments list the CCC's and a sample of curriculum products developed by one state and adopted or adapted by another, and offer, in chart form, the CCC impact statistics for 1988. (KC)

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CURRICULUM COORDINATION CENTERS IMPACT REPORT FOR 1988

BY

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OVAE/DNP/PIB

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The 1988 Impact Report for the Curriculum Coordination Centers

The 1988 Impact Report for the Curriculum Coordination Centers (CCCs) was developed from a synthesis of information submitted to the U. S. Department of Education by the six CCCs. These regionally oriented Centers, with the 59 State Liaison Representatives (SLRs), form an information sharing network which provides a variety of curriculum materials and related services to each State and Outlying Area of the United States. The SLRs serve as contact persons for curriculum materials and other resources available to clients throughout the vocational education community. (See attachment (1) for a listing of the CCCs and their regional States.)

The state salaried SLRs voluntarily collect and report impact information to their respective regional Centers, using effectiveness indicators which denote improvements in state curriculum activities, curriculum services to the states, and dissemination and use of materials. Impact data is reported to the Department of Education by each of the CCCs on an annual basis. This information includes examples of selected products and activities.

In 1988, the six CCCs continued to facilitate their states in the identification, location, adaptation, dissemination and effective use of curriculum and instructional materials. Each Center provided curriculum related services to clients based on the needs identified through their regional SLRs. These services include technical assistance, inservice training, workshop planning, library lending, curriculum searches, curriculum adaptations, task list development, electronic mail, dissemination and outreach. Through networking activities, the CCCs help the states to avoid unwarranted duplication, identify and obtain relevant curriculum materials and better utilize vocational education resources.

Each Center reported cost savings realized by regional States through the adoption or adaptation of CCC identified curriculum materials and other Network services. For example, the Northwest Center reported savings of $2,386,944 with 129 curriculum products adapted in its ten-State

region. The Midwest Center reported savings of $1,887,000 with 127 products adapted in its nine States. Similarly, the Northeast Center reported savings of $2,145,420 with the adaptation of 20 products by its ten-State region. In toto, 414 CCC identified curriculum products were adopted or adapted by the States at a savings of $9,376,050 for the entire Network. These savings indicate a 12 to 1 return on the $837,444 Federal investment in the CCCs in 1988. (See attachment (2) for a sample listing of curriculum products developed by one State and adopted or adapted for use in another State.)

The CCCs continued to provide technical assistance and consultative services to clients throughout the nation during 1988. Requests for these services increase as more vocational educators and administrators became aware of the Network's capabilities. For example, the East Central Center responded to 4,864 requests for assistance and conducted 6 technical assistance visits; the Southeast Center handled 1,482 requests and conducted 12 technical assistance visits; and the Midwest Center handled 1,100 requests and conducted 8 technical assistance visits. The CCCs conducted technical assistance visits with project funds, State funds, or in some instances, on a cost-recovery basis. In 1988, the CCC Network handled 10,696 requests for technical assistance and consultation, and conducted a total of 71 on site technical assistance visits.

Technical assistance services were extended to vocational educators in the public and private domain. These clients included institutions and groups such as: the Institute of International Education; community and junior colleges; vocational eduation teachers; program improvement coordinators; teacher educators; National Alliance of Business; State Departments of Education; vocational-technical education centers; State Technical Committees; Associated General Contractors of America; Miner Resource/Learing Center; State Correctional Institutions; the Agency for Instructional Television; the Peace Corps; health occupations consultants; the U.S. Department of Labor; and the U.S. Department of Education.

During 1988, the CCC Network conducted or facilitated a number of inservice training workshops for vocational personnel throughout the vocational education community. For example, the Western region conducted 82 inservice workshops for 2,423 participants; the Northwestern region conducted 61 workshops for 10,515 participants; and the Midwest region conducted 56 inservice workshops for 12,389 vocational education participants. Overall, the entire Network conducted 270 inservice workshops for a total of 35,385 participants. Workshop participants included teachers, administrators, counselors, librarians, business and industry personnel, employment coordinators, curriculum coordinators, state technical committees, occupational specialists, JTPA personnel, educational equity coordinators, and dissemination specialists.

Conducting curriculum searches for vocational and technical education clients continued to be a major function of the Network in 1988. For example, the Northwest Center conducted 2,130 searches; the Western Center conducted 1,022 searches and the East Central Center conducted 842 searches. The three other Centers reported similar data. The CCCs conducted a total of 5,450 curriculum searches in 1988.

Another important function of the CCCs is the systematic dissemination of curriculum and instructional materials from their well-stocked lending libraries. In 1988, the library collections of the CCCs increased by 9,472 documents of print and nonprint curriculum materials as compared to a 5,418 document increase in 1987. During 1988, the Northeast Center disseminated 13,366 curriculum related items; the East Central Center disseminated 8,493 items and the Southeast Center disseminated 11,302 items. With the three other Centers reporting similar data, the CCCs disseminated a total of 78,774 curriculum related items to clients in 1988.

During 1988, the CCC Network continued to develop and maintain linkages with professional organizations and resources which help to enhance the effectiveness of vocational education services nationwide. These linkages

include: State Directors of Vocational Education; the National Council on Vocational Education; the American Vocational Association (AVA); the American Association of Community and the Junior Colleges (AACJC); the National Center for Research in Vocational Education (NCRVE); the Mid-America Vocational Curriculum Consortium (MAVCC); the Joint Training Partnership Act (JTPA) Programs; the National Alliance of Business; Vocational Technical Education Consortium of States (V-TECS); teacher education institutions; state curriculum laboratories; occupational specialists and business and industry.

Linkage strategies include correspondence, electronic mail, telephone contacts, dissemination, presentations, joint meetings, and workshops. For example, the Northwest and Western Networks conducted a joint regional meeting on October 2-4, 1988 in Sacramento California. This meeting included an inservice visit to a secondary-postsecondary cooperative education program at the INTEL Computer Chip Company. Similarly, the East Central and Southeast Networks conducted their regional meetings jointly in Orlando, Florida on May 2-4, 1988. This meeting was held in conjunction with the National Association of Vocational Education Program Improvement. Additionally, CCC staff made presentations at several State Vocational Education Conferences, and at the AVA Convention in St. Louis, Missouri in December 1988. Also, the CCCs submitted 503 abstracts to NCRVE to help build the Vocational Education Curriculum Materials (VECM) database which now contains nearly 7,000 curriculum products that can be accessed by computer.

The annual NNCCVTE Concurrent Meeting conducted in Beaverton, Oregon was a highlight of CCC networking in 1988. Using the theme "Curriculum Networking: Thriving on Change" this professional development meeting provided an opportunity for 57 SLRs and other vocational education leaders to update their skills while exchanging information on vocational education products, trends and services. The 89 participants left the meeting with enthusiasm and renewed commitment after attending several of the timely, informative and interactive sessions. The "Vendor Fair" at the Concurrent Meeting was especially effective with 11 demonstrations of high technology materials and methods of instruction.

In conclusion, this report indicates that the CCC Network continued to make a positive impact on the vocational education community during 1988. The networking concept is expanding as States, localities public and private entities work cooperatively to provide a quality education for all students. Reports of cost savings, curriculum searches, dissemination and technical assistance provide evidence that the CCC Network is a valuable resource to vocational education.

(See attachment (3) for a statistical breakout of CCC Network services.)

Acronym explanation:

* AGC - Associated General Contractors of America
* AIT - Agency for Instructional Television
* CORD - Center for Occupational Research and Development
* MAVCC - Mid-America Vocational Curriculum Consortium

CURRICULUM COORDINATION CENTERS

HAWAII	Dr. Lawrence Zane, Director Western Curriculum Coord. Center University of Hawaii College of Education 1776 University Ave., Wist 216 Honolulu, HI 96822 (808) 948-7834	American Samoa, Arizona, California, Guam, Hawaii, Marshall Islands, Micronesia, Nevada, Government of Northern Marianas, Palau
ILLINOIS	Mrs. Rebecca Douglass, Director East Central Curriculum Coord. Center Sangamon State University, F-2 Springfield, IL 62708 (217) 786-6375	Delaware, District of Columbia, Indiana, Illinois, Maryland, Michigan, Minnesota, Ohio, Pennsylvania, Virginia, West Virginia, Wisconsin
MISSISSIPPI	Dr. Rebecca Love-Wilkes, Director Southeast Curriculum Coord. Center Mississippi State University Research and Curriculum Unit Drawer DX Mississippi State, MS 39762 (601) 325-2510	Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee
NEW JERSEY	Dr. Martha Pocsi, Director Northeast Curriculum Coord. Center New Jersey State Dept. of Ed. Division of Vocational Education Crest Way Aberdeen, NJ 07747 (201) 290-1900	Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Puerto Rico, Rhode Island, Vermont, Virgin Islands
OKLAHOMA	Dr. Richard Makin, Director Midwest Curriculum Coord. Center State Department of Vocational and Technical Education 1500 West 7th Avenue Stillwater, OK 74074 (405) 377-2000, Ext. 252	Arkansas, Iowa, Kansas, Louisiana, Missouri, Nebraska, New Mexico, Oklahoma, Texas
WASHINGTON	Mr. William Daniels, Director Northwest Curriculum Coord. Center St. Martin's College Old Main Lacey, WA 98503 (206) 438-4456	Alaska, Colorado, Idaho, Montana, North Dakota, Oregon, South Dakota, Utah, Washington, Wyoming

Attachment 2

A Sample of
Curriculum Products Developed by One State
and Adopted or Adapted by Another State

Project Title	Developer/Source	Adopted or Adapted by
Occupational Foods	West Virginia	District of Columbia
Introduction to Technology	New York	New Jersey
Heating , Air Conditioning and Refrigeration	West Virginia	Maine
Health Cluster Occupations	Georgia	Alabama
Surgical Techniques	MAVCC*	Nebraska
Professional Cosmetology	Oklahoma	Mississippi
Applied Mathematics	CORD*	Tennessee
Applied Communication	AIT*	Kansas
Industrial Maintenance	North Carolina	Alabama
Marriage and Family Life	Oklahoma	Iowa
Child Care Resource Guide	Florida	Guam
Carpentry	AGC*	Missouri
Facilities Planning Guide	Pennsylvania	Maine
Business Cooperative Education	Florida	Northern Marianas
Horticulture	New Mexico	Trust Territory
Banking and Financial Services	Arizona	Nevada
Microcomputers in Education	Massachusetts	University of Hawaii
Occupational Task Analysis	Illinois	Nevada
Robotics Curriculum	Michigan	Delaware
Diversified Occupations	Illinois	Maryland
Radio and TV Repair	Texas	Iowa
Agriculture Mechanics	North Dakota	Montona

* See page 5 for acronym explanation

ATTACHMENT 3

Curriculum Coordination Centers Impact Statistics for 1988

Curriculum Coordination Centers	Cost Saving by Adoption Adaptation	Curriculum Products Adopted or Adapted	Curriculum Searches Conducted	Inservice Workshops / Attendees	Requests for Assistance	Technical Assistance Visits	Consortia Developments	Library Holdings Increase	Total Items Disseminated	VECM Abstracts To NCRVE
East Central	$1,105,451	34	842	30 / 3,928	4,864	6	41	5,143	8,493	90
Midwest	1,887,000	127	613	56 / 12,389	1,100	8	62	420	10,777	52
Western	1,083,625	62	1,022	82 / 2,423	872	7	9	1,409	15,022	9
Southeast	767,610	42	494	11 / 3,130	1,482	17	58	380	11,302	56
Northeast	2,145,420	20	349	30 / 3,000	1,370	6	12	900	13,366	60
Northwest	2,386,944	129	2,130	61 / 10,515	1,008	27	7	1,220	19,814	236
Totals	$9,376,050	414	5,450	270 / 35,385	10,696	71	189	9,472	78,774	503